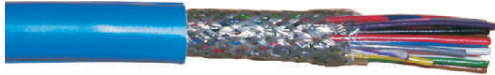




Data cables - LIYCY/EB-O/OZ/JZ (EMC-type)  
EMC-type Cu screened intrinsic safety flexible switch and control cable



### Technical attributes

Standards	adapted to DIN VDE 0165-1
Conductor material	Cu, bare
Conductor type	Cu-bare
Conductor standard	according to IEC/EN 60228
Conductor category	5
Core insulation	PVC
Core structure	stranded
Core colours	to 0.5 mm <sup>2</sup> DIN 47100 = from 0.75 mm <sup>2</sup> black with continuously numbered
Outer sheath	PVC
Outer sheath colour	blue
Temperature range min., mobile operation	-5 °C
Temperature range max., mobile operation	+80 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+70 °C
Nominal voltage U <sub>0</sub> /U	300/500 V
Test voltage	Core/core = 1200, core/screen = 800 V
Insulation resistance	20 mind. MΩ x km
Bending radius	10
Screening	Cu-braiding, tinned extensively
oil-resistant	
flame-resistant	according to IEC/EN 60332-1-2
RoHS-compliant	yes

### Description

Flexible data transmission, control and interconnecting cable for measuring, control and regulation technology, intercom systems, machine, tool and equipment manufacturing and electronics, especially where small dimensions are required. For use in dry and wet rooms but not outdoors or in the ground.

### Note

EMC-type Cu screened intrinsic safety flexible switch and control cable

### Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01105087	LIYCY/EB 4 x 0,14 bu RAL5015	29,00	15,90	4,20	RAL 5015 blue
01105088	LIYCY/EB 8 x 0,14 bu RAL5015	45,00	26,00	5,20	RAL 5015 blue
01105083	LIYCY/EB 12 x 0,14 bu RAL5015	65,00	32,00	8,10	RAL 5015 blue
01105001	LIYCY/EB 2 x 0,5 bu RAL5015	49,00	36,00	5,90	RAL 5015 blue
01105002	LIYCY/EB 3 x 0,5 bu RAL5015	58,00	43,00	6,20	RAL 5015 blue



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01105003	LIYCY/EB 4 x 0,5 bu RAL5015	70,00	49,00	6,60	RAL 5015 blue
01105004	LIYCY/EB 5 x 0,5 bu RAL5015	80,00	57,00	7,10	RAL 5015 blue
01105006	LIYCY/EB 7 x 0,5 bu RAL5015	99,00	69,00	7,60	RAL 5015 blue
01105007	LIYCY/EB 12 x 0,5 bu RAL5015	147,00	107,00	9,60	RAL 5015 blue
01105008	LIYCY/EB 16 x 0,5 bu RAL5015	184,00	129,00	10,50	RAL 5015 blue
01105009	LIYCY/EB 18 x 0,5 bu RAL5015	203,00	141,00	11,00	RAL 5015 blue
01105010	LIYCY/EB 20 x 0,5 bu RAL5015	220,00	161,00	11,40	RAL 5015 blue
01105011	LIYCY/EB 24 x 0,5 bu RAL5015	274,00	190,00	13,30	RAL 5015 blue
01105078	LIYCY/EB-JZ 34 x 0,5 bu RAL5015	500,00	287,00	15,80	RAL 5015 blue
01105090	LIYCY/EB-O 50 x 0,5 bu RAL5015	555,00	407,00	18,50	RAL 5015 blue
01105012	LIYCY/EB 2 x 0,75 bu RAL5015	50,00	43,00	5,90	RAL 5015 blue
01105079	LIYCY/EB-OZ 2 x 0,75 bu RAL5015	50,00	43,00	5,90	RAL 5015 blue
01105013	LIYCY/EB-OZ 3 x 0,75 bu RAL5015	64,00	52,00	6,20	RAL 5015 blue
01105014	LIYCY/EB 4 x 0,75 bu RAL5015	77,00	61,00	7,10	RAL 5015 blue
01105076	LIYCY/EB-OZ 4 x 0,75 bu RAL5015	77,00	61,00	7,10	RAL 5015 blue
01105089	LIYCY/EB-OZ 4 x 0,75 UV resistant bu RAL5015	77,00	61,00	7,10	RAL 5015 blue
01105016	LIYCY/EB 5 x 0,75 bu RAL5015	93,00	72,00	7,70	RAL 5015 blue
01105015	LIYCY/EB-OZ 5 x 0,75 bu RAL5015	93,00	72,00	7,70	RAL 5015 blue
01105017	LIYCY/EB-OZ 6 x 0,75 bu RAL5015	113,00	85,00	8,30	RAL 5015 blue
01105018	LIYCY/EB 7 x 0,75 bu RAL5015	130,00	90,00	8,60	RAL 5015 blue
01105080	LIYCY/EB-OZ 7 x 0,75 bu RAL5015	130,00	90,00	8,60	RAL 5015 blue
01105085	LIYCY/EB-OZ 8 x 0,75 bu RAL5015	145,00	110,00	9,40	RAL 5015 blue



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01105019	LIYCY/EB-OZ 12 x 0,75 bu RAL5015	187,00	154,00	10,50	RAL 5015 blue
01105020	LIYCY/EB-OZ 16 x 0,75 bu RAL5015	249,00	183,00	12,00	RAL 5015 blue
01105021	LIYCY/EB-OZ 18 x 0,75 bu RAL5015	274,00	211,00	12,50	RAL 5015 blue
01105022	LIYCY/EB-OZ 20 x 0,75 bu RAL5015	298,00	220,00	12,90	RAL 5015 blue
01105023	LIYCY/EB-OZ 24 x 0,75 bu RAL5015	349,00	250,00	14,50	RAL 5015 blue
01105024	LIYCY/EB 25 x 0,75 bu RAL5015	361,00	285,00	14,80	RAL 5015 blue
01105074	LIYCY/EB-OZ 25 x 0,75 bu RAL5015	361,00	285,00	14,80	RAL 5015 blue
01105025	LIYCY/EB-OZ 27 x 0,75 bu RAL5015	420,00	299,00	15,00	RAL 5015 blue
01105082	LIYCY/EB-OZ 34 x 0,75 bu RAL5015	510,00	350,00	16,40	RAL 5015 blue
01105092	LIYCY/EB-OZ 41 x 0,75 bu RAL 5015	680,00	400,00	18,30	RAL 5015 blue
01105026	LIYCY/EB 2 x 1 bu RAL5015	74,00	51,00	7,40	RAL 5015 blue
01105027	LIYCY/EB-OZ 2 x 1 bu RAL5015	74,00	51,00	7,40	RAL 5015 blue
01105028	LIYCY/EB 3 x 1 bu RAL5015	89,00	70,00	7,90	RAL 5015 blue
01105029	LIYCY/EB-OZ 3 x 1 bu RAL5015	89,00	70,00	7,90	RAL 5015 blue
01105030	LIYCY/EB 4 x 1 bu RAL5015	107,00	80,00	8,70	RAL 5015 blue
01105031	LIYCY/EB-OZ 4 x 1 bu RAL5015	107,00	80,00	8,70	RAL 5015 blue
01105073	LIYCY/EB-OZ 5 x 1 bu RAL5015	132,00	95,00	9,20	RAL 5015 blue
01105032	LIYCY/EB-OZ 7 x 1 bu RAL5015	158,00	120,00	10,00	RAL 5015 blue
01105033	LIYCY/EB-OZ 10 x 1 bu RAL5015	215,00	165,00	13,50	RAL 5015 blue
01105034	LIYCY/EB-OZ 12 x 1 bu RAL5015	254,00	185,00	13,30	RAL 5015 blue
01105035	LIYCY/EB-OZ 16 x 1 bu RAL5015	330,00	220,00	15,50	RAL 5015 blue
01105036	LIYCY/EB-OZ 18 x 1 bu RAL5015	366,00	268,00	16,00	RAL 5015 blue
01105037	LIYCY/EB-OZ 20 x 1 bu RAL5015	399,00	290,00	16,20	RAL 5015 blue



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01105038	LIYCY/EB-OZ 24 x 1 bu RAL5015	541,00	334,00	18,80	RAL 5015 blue
01105039	LIYCY/EB-OZ 25 x 1 bu RAL5015	551,00	354,00	18,90	RAL 5015 blue
01105086	LIYCY/EB-OZ 34 x 1 bu RAL5015	710,00	486,00	17,00	RAL 5015 blue
01105040	LIYCY/EB-OZ 2 x 1,5 bu RAL5015	86,00	65,00	8,00	RAL 5015 blue
01105041	LIYCY/EB-OZ 3 x 1,5 bu RAL5015	107,00	90,00	8,50	RAL 5015 blue
01105042	LIYCY/EB-JZ 3 x 1,5 bu RAL5015	107,00	90,00	8,50	RAL 5015 blue
01105043	LIYCY/EB 4 x 1,5 bu RAL5015	129,00	110,00	9,20	RAL 5015 blue
01105075	LIYCY/EB-OZ 4 x 1,5 bu RAL5015	129,00	110,00	9,20	RAL 5015 blue
01105044	LIYCY/EB-OZ 5 x 1,5 bu RAL5015	150,00	125,00	10,00	RAL 5015 blue
01105081	LIYCY/EB-JZ 5 x 1,5 bu RAL5015	150,00	125,00	10,00	RAL 5015 blue
01105045	LIYCY/EB-OZ 7 x 1,5 bu RAL5015	192,00	159,00	10,80	RAL 5015 blue
01105046	LIYCY/EB-JZ 7 x 1,5 bu RAL5015	192,00	159,00	10,80	RAL 5015 blue
01105047	LIYCY/EB-OZ 12 x 1,5 bu RAL5015	315,00	268,00	15,00	RAL 5015 blue
01105048	LIYCY/EB-OZ 16 x 1,5 bu RAL5015	420,00	345,00	16,00	RAL 5015 blue
01105049	LIYCY/EB-OZ 18 x 1,5 bu RAL5015	450,00	373,00	16,80	RAL 5015 blue
01105050	LIYCY/EB-OZ 20 x 1,5 bu RAL5015	500,00	385,00	17,80	RAL 5015 blue
01105051	LIYCY/EB-OZ 24 x 1,5 bu RAL5015	675,00	465,00	20,40	RAL 5015 blue
01105077	LIYCY/EB-OZ 25 x 1,5 bu RAL5015	690,00	530,00	21,00	RAL 5015 blue
01105052	LIYCY/EB-JZ 34 x 1,5 bu RAL5015	885,00	683,00	20,50	RAL 5015 blue
01105084	LIYCY/EB-OZ 34 x 1,5 bu RAL5015	885,00	683,00	20,50	RAL 5015 blue